

TODD P. BLAKELY  
GARY J. CONNELL  
SABRINA C. STAVISH  
JOSEPH E. KOVARIK  
SUSAN PRYOR WILLSON  
LEWIS D. HANSEN  
ROBERT R. BRUNELLI  
DOUGLAS W. SWARTZ  
BRUCE A. KUGLER  
BRENT P. JOHNSON  
BENJAMIN B. LIEB  
BRADLEY M. KNEPPER  
MIRIAM DRICKMAN TRUDELL  
SCOTT R. BIALOCKI  
ROBERT D. TRAVER, Ph.D.  
CHRISTOPHER J. HUSSIN  
MARK L. YASKANIN  
MARY BREEN SMITH  
CRAIG W. MUELLER  
PAUL S. CHA

**SHERIDAN ROSS**  
*A Professional Corporation*  
ATTORNEYS AND COUNSELORS AT LAW

1560 BROADWAY  
SUITE 1300  
DENVER, COLORADO 80202-5141

TELEPHONE (303) 863-9700  
FACSIMILE (303) 863-0223  
E-MAIL [srlaw@sheridanross.com](mailto:srlaw@sheridanross.com)

**RECEIVED**  
**CENTRAL FAX CENTER**  
**JAN 28 2005**

PATENTS  
TRADEMARKS  
COPYRIGHTS

KERMIT H. ROSS  
1910-1986

OF COUNSEL  
PHILIP H. SHERIDAN  
DAVID F. ZINGER  
CRAIG C. GROSETH

TECHNICAL SPECIALISTS  
DENNIS J. DUTRAY, Ph.D.  
ANGELA DALLAS SEBOR, Ph.D.

**FACSIMILE COVER SHEET**

TIME: 2:35pm MST

DATE: January 28, 2005

Please deliver the following page(s) to:

Name: U.S. Patent and Trademark Office  
Facsimile Number: 703/872-9306  
Our Client No.: 4366-49  
Your Ref.: Serial No. 09/921,832 filed 08-03-2001  
Total Number of Pages, including this cover page: 13  
Sender's Name: Douglas W. Swartz

**MESSAGE:**

Please see the attached (1) Fifth Supplemental Information Disclosure Statement, (2) PTO-1449, and (3) copy of non-patent reference to be filed in connection with the above-referenced patent application.

**PLEASE CONFIRM RECEIPT**

If you do not receive all the pages, please call Amy Duarte at (303) 863-9700.

THIS FACSIMILE MESSAGE IS CONFIDENTIAL AND MAY CONTAIN ATTORNEY PRIVILEGED INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR COMPANY NAMED ABOVE. If the reader is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, so that we may arrange for the return of the original message to us. Thank you.

RECEIVED  
CENTRAL FAX CENTER  
JAN 28 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/921,832

Applicant : HONG et al.

Filed: : August 3, 2001

TC/A.U. : 2143

Examiner: : SHIN, KYUNG H.

Docket No. : 4366-49

Customer No. : 48500

Title: : "NON-INTRUSIVE MULTIPLEXED TRANSACTION PERSISTENCY IN SECURE  
COMMERCE ENVIRONMENTS"

## CERTIFICATE OF FACSIMILE TRANSMISSION

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
FACSIMILE TRANSMITTED TO THE UNITED STATES  
PATENT AND TRADEMARK OFFICE TO (703) 872-9306 ON  
1/28/05.

SHERIDAN ROSS P.C.

BY: \_\_\_\_\_

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

☒ Copies of the cited non-patent, unpublished patent application, and/or foreign references are enclosed herewith.

☒ Copies of the cited U.S. patents/patent application publications are not enclosed in accordance with the waivers dated July 11, 2003 and October 19, 2004, whereby patent applications filed, regardless of the filing date, need not submit copies of U.S. patents and U.S. patent application publications.

☐ Copies of the cited references are not enclosed, in accordance with 37 C.F.R. 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_ filed \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

☐ To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English abstracts and in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☐ Examiner's attention is drawn to the following co-pending applications:

Serial No. \_\_\_\_\_ filed \_\_\_\_\_

☐ Other: \_\_\_\_\_

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

### FEES

<input type="checkbox"/>	<p><b>37 CFR 1.97(b):</b> No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfied one of the following conditions ("X" indicates satisfaction):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or</li> <li><input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or</li> <li><input type="checkbox"/> Before the mailing date of a first Office Action on the merits, or</li> <li><input type="checkbox"/> Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114.</li> </ul> <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Avaya Inc. Deposit Account 50-1602.</p>
<input checked="" type="checkbox"/>	<p><b>37 CFR 1.97(c):</b> The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <ul style="list-style-type: none"> <li>(1) a final action under 37 C.F.R. 1.113 or</li> <li>(2) a notice of allowance under 37 C.F.R. 1.311, or</li> <li>(3) an action that otherwise closes prosecution in the application.</li> </ul> <p>This Information Disclosure Statement is accompanied by:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Avaya Inc. Deposit Account 50-1602.</li> </ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Please charge Avaya Inc. Deposit Account 50-1602 in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Avaya Inc. Deposit Account 50-1602.</li> </ul>
<input type="checkbox"/>	<p><b>37 CFR 1.97(d):</b> This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e)</li> </ul> <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Avaya Inc. Deposit Account 50-1602 in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Avaya Inc. Deposit Account 50-1602. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.</li> </ul>

**Certification (37 C.F.R. 1.97(e))**  
(Applicable only if checked)

☒ The undersigned certifies that:

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

☐ A copy of the communication from the foreign patent office is enclosed.

OR

☒ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS P.C.

By: 

Douglas W. Swartz  
Registration No. 37,739  
1560 Broadway, Suite 1200  
Denver, Colorado 80202-5141  
(303) 863-9700

Date: Jan. 28, 2005

JAN 28 2005

005

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application Number	09/921,832
				Filing Date	August 3, 2001
				First Named Inventor	HONG, Jack
				Art Unit	2143
Examiner Name	Shin, Kyung H.				
Sheet	1	of	1	Attorney Docket Number	4366-49

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-6,134,583	10-2000	Herriot	
	2.	US-6,330,606 B1	12-2001	Logue et al.	
	3.	US-2002-0040400 A1	04-2002	Masters	
	4.	US-2002-0026560 A1	02-2002	Jordan et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> , Number <sup>3</sup> , Kind Code <sup>4</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		-					
		-					
		-					
		-					
		-					
		-					
		-					

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner Initials*	Cite No. <sup>1</sup>	
	5.	Ross, Keith, "Hash-Routing for Collections of Shared Web Caches," November/December 1997 IEEE Network Magazine, pp. 37-44.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.